

## Useful details: `~st10/328submit`

When you create files for CS 328 assignments on nrs-projects, you will submit them on nrs-projects, using a tool described below, `~st10/328submit`. (Since the files are on nrs-projects, this is convenient -- there is no need for you to transfer files from nrs-projects to your computer for every submission. You only need to transfer those files to your computer for your own backups.)

*If*, for some assignments, you are asked to create files on a computer other than nrs-projects, I may specify that those be submitted to Canvas. (And in that case, you won't have to transfer these files to nrs-projects to submit them.)

And, every handout requiring submissions will specifically say how its files are to be submitted, whether using `~st10/328submit` or submitting them to Canvas.

## To turn in files on nrs-projects...

...is basically a 3-step process:

1. Connect/log on to nrs-projects using `ssh`.
  - If needed, see the handouts "Connecting to nrs-projects and sqlplus" and "Useful details: `ssh` and `sftp`" for help with using `ssh` to connect to nrs-project.
2. `cd` to the directory/folder containing the files you want to submit.
  - If needed, see the handout "Useful Linux Commands" for descriptions of the `cd` command and some other useful Linux commands.
3. Run the program `~st10/328submit` **while in that directory/folder** to submit/turn in those files.

## Additional notes:

- `~st10/328submit` will **ONLY** grab files in the **CURRENT** directory that have particular suffixes.
  - So, it is a good idea to use the `ls` command to list the files in the current directory before you run `~st10/328submit`, to double-check that the ones you wish to submit are there.
  - If your files are in multiple directories, run `~st10/328submit` in **each** of those directories.
- When you run `~st10/328submit`, it will ask you to enter the homework or lab number that the files are being submitted for. The number to use will be specified in each assignment.
- It will also ask if you want to submit **all** of the appropriate-suffixed files in the current directory -- I strongly recommend you answer **y** for yes, because I don't mind if I get a few extra files, and it is very easy to leave out a file you mean to submit otherwise.
- It will list the files that were submitted -- **make sure** that you see the files you planned to submit included in that list!
- A copy of the files you submitted is stored in a directory named **submitted** in your current directory (in a zipped tar archive file named based on your username, the homework/lab number, and

the current date and time). **Keep** this copy until this work's grade is posted on Canvas.

- As noted at the end of `~st10/328submit`'s output:

"You can use `~st10/unzipitar_all` to create an unzipped/untarred directory containing copies of the files you submitted".

That is, you can:

- `cd` to the directory named **submitted**

- Run:

`~st10/unzipitar_all`

- Now you have copies of the files from each of your submissions, within a sub-directory named based on your username, the homework/lab number, and the date and time of that submission.